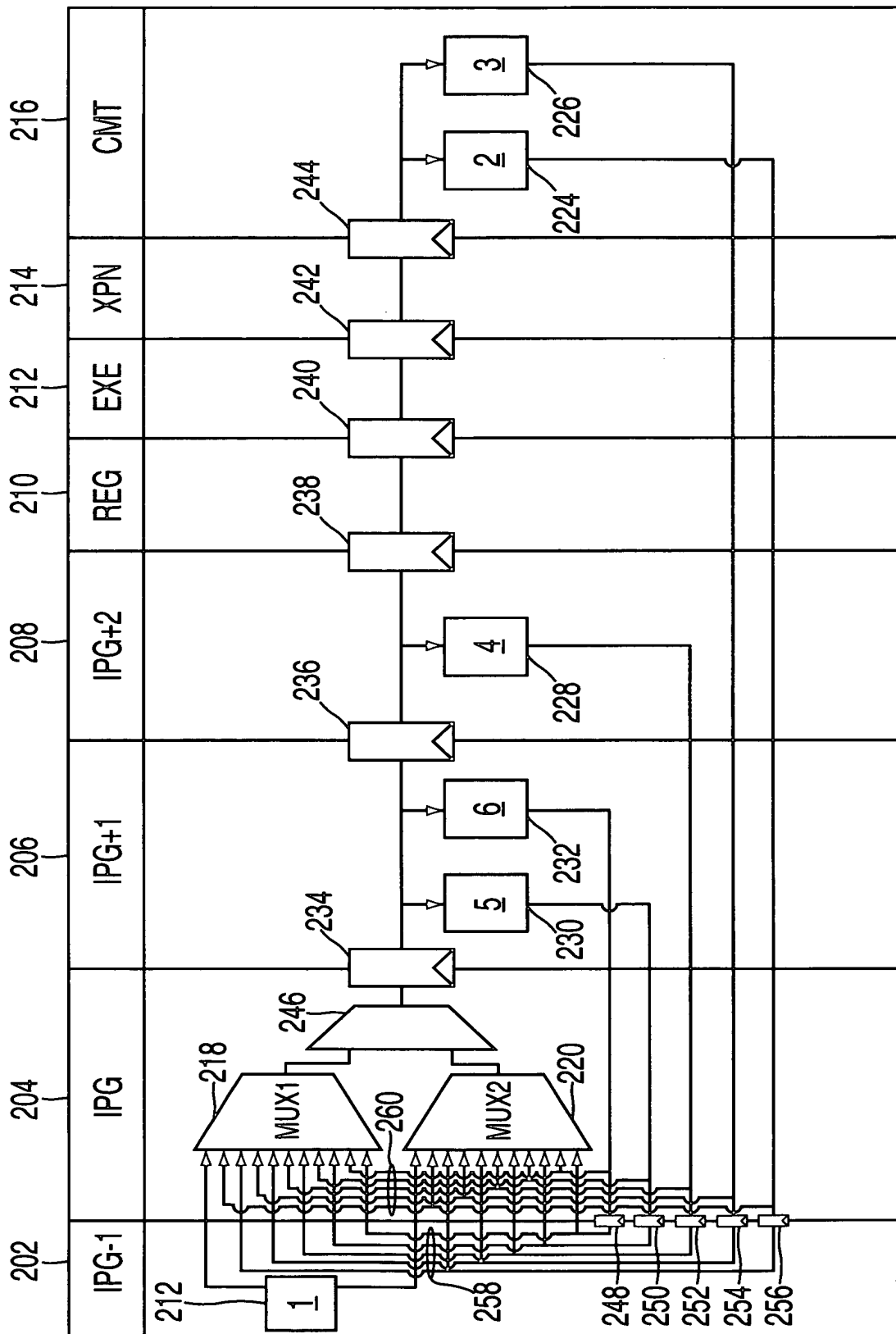


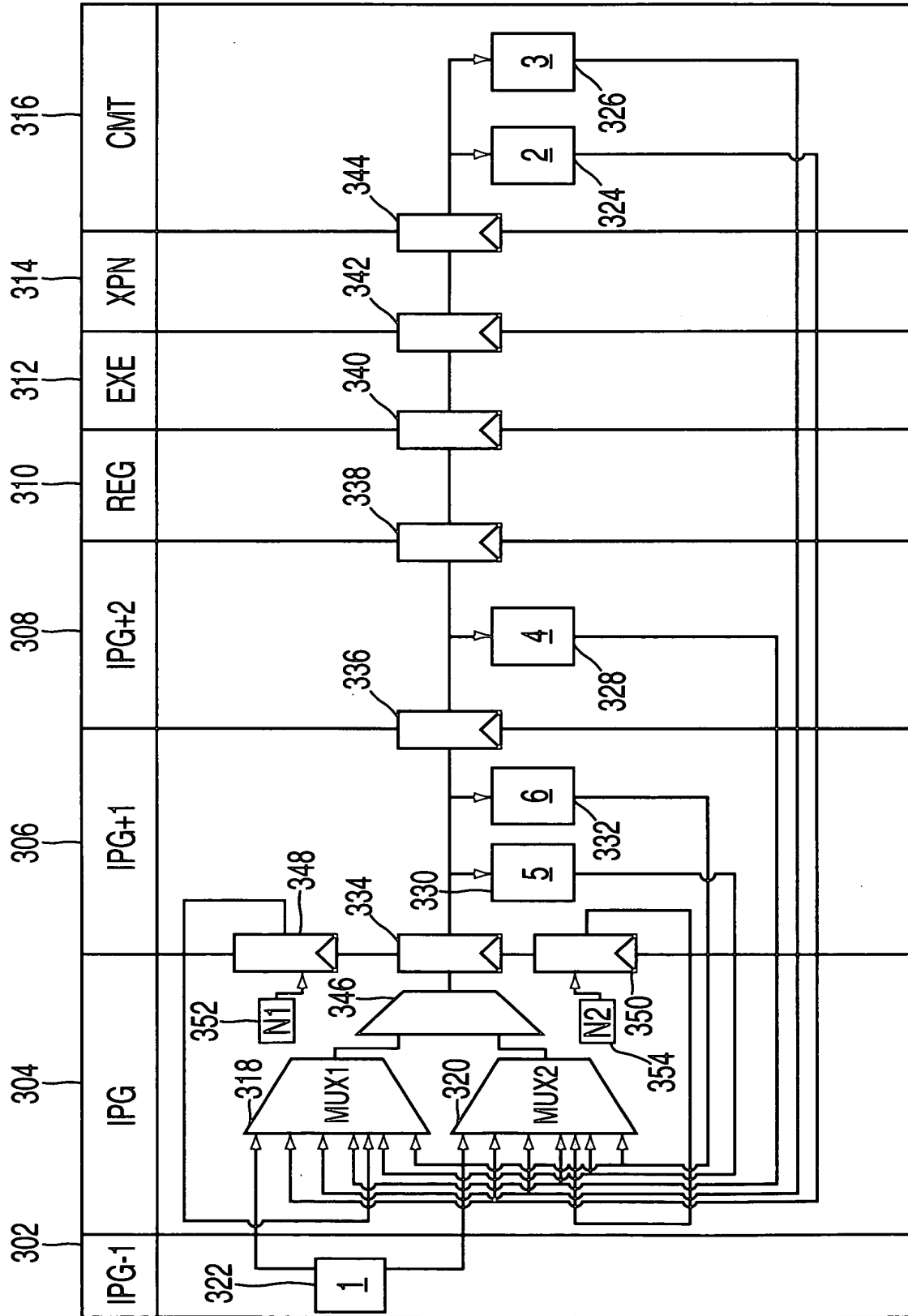
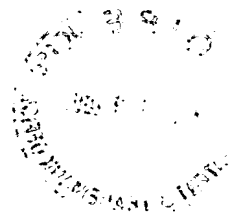
MULTIPLEXER PRIORITY: 1 - DEBUG/DFT IP 2 - EXCEPTION/FAULT RE-STEER 3 - BRANCH MISPREDICT RE-STEER
 4 - '1' BUBBLE BRANCH RE-STEER 5 - '0' BUBBLE BRANCH RE-STEER 6 - SEQUENTIAL IP (IP+1)

FIG. 1 (PRIOR ART)



MULTIPLEXER PRIORITY: 1 - DEBUG/DFT IP 2 - EXCEPTION/FAULT RE-STEER 3 - BRANCH MISPREDICT RE-STEER
4 - '1' BUBBLE BRANCH RE-STEER 5 - '0' BUBBLE BRANCH RE-STEER 6 - SEQUENTIAL IP (IP+1)

FIG.2 (PRIOR ART)



MULTIPLEXER PRIORITY: 1 - DEBUG/DFT IP 2 - EXCEPTION/FAULT RE-STEER 3 - BRANCH MIS-PREDICT RE-STEER
4 - '1' BUBBLE BRANCH RE-STEER 5 - '0' BUBBLE BRANCH RE-STEER 6 - SEQUENTIAL IP (IP+1)

FIG.3

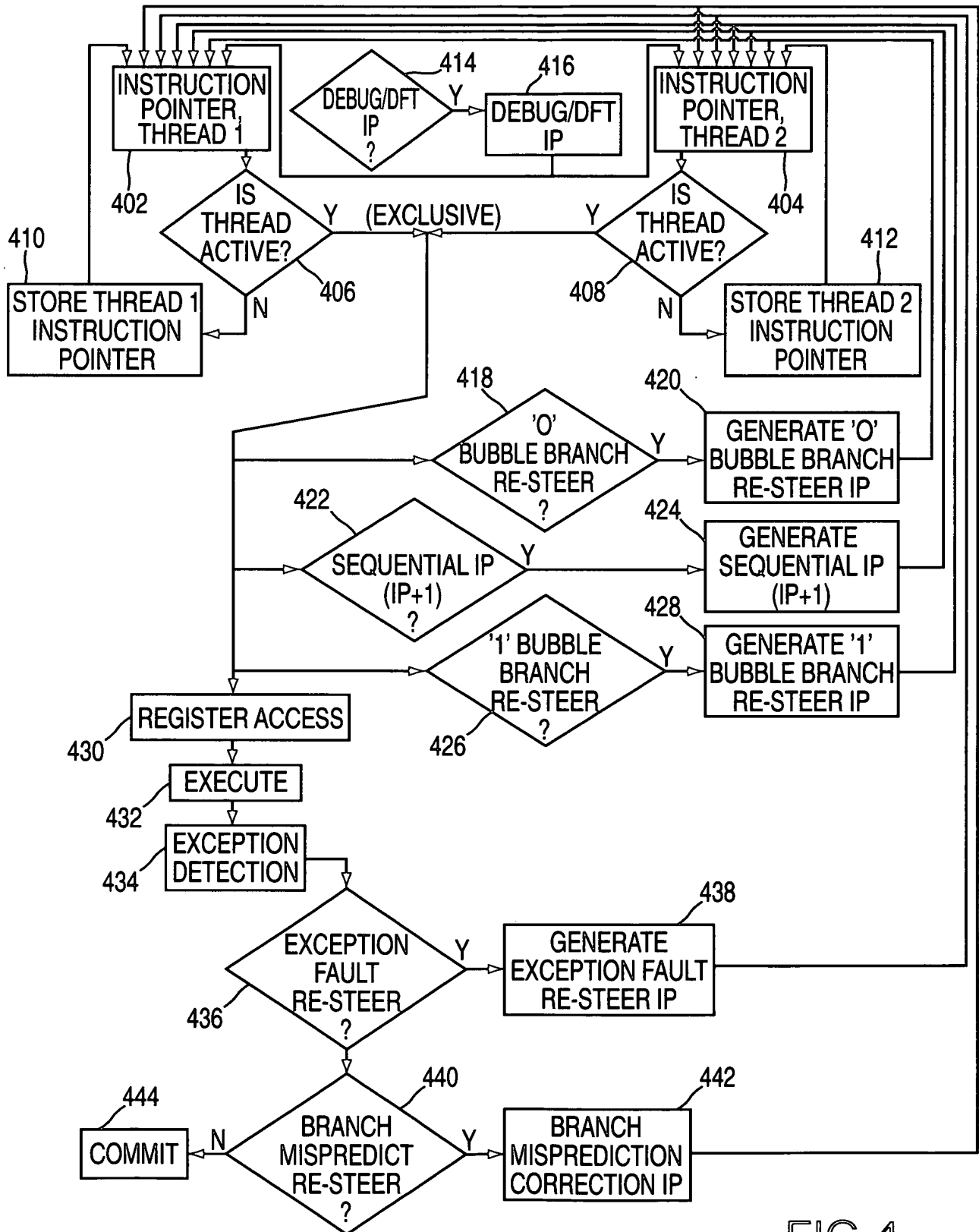


FIG. 4